

SV

PCT09

RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/674,479

TIME: 17:20:55

Input Set : A:\Cml758ml.app

Output Set: N:\CRF3\09132001\I674479.raw

ENTERED

3 <110> APPLICANT: THE PROCTER & GAMBLE COMPANY
 5 <120> TITLE OF INVENTION: LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS
 6 COMPRISING A MODIFIED CELLULASE
 8 <130> FILE REFERENCE: ENDOLASE - EGI
 10 <140> CURRENT APPLICATION NUMBER: 09/674,479
 11 <141> CURRENT FILING DATE: 2000-11-01
 13 <150> PRIOR APPLICATION NUMBER: PCT/US98/08903
 14 <151> PRIOR FILING DATE: 1998-05-01
 16 <150> PRIOR APPLICATION NUMBER: PCT/US99/09481
 17 <151> PRIOR FILING DATE: 1999-04-30
 19 <160> NUMBER OF SEQ ID NOS: 1
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 415
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Humicola insolens or Trichoderma resei
 28 <400> SEQUENCE: 1
 29 Gln Lys Pro Gly Glu Thr Lys Glu Val His Pro Gln Leu Thr Thr Phe
 30 1 5 10 15
 32 Arg Cys Thr Lys Arg Gly Gly Cys Lys Pro Ala Thr Asn Phe Ile Val
 33 20 25 30
 35 Leu Asp Ser Leu Ser His Pro Ile His Arg Ala Glu Gly Leu Gly Pro
 36 35 40 45
 38 Gly Gly Cys Gly Asp Trp Gly Asn Pro Pro Pro Lys Asp Val Cys Pro
 39 50 55 60
 41 Asp Val Glu Ser Cys Ala Lys Asn Cys Ile Met Glu Gly Ile Pro Asp
 42 65 70 75 80
 44 Tyr Ser Gln Tyr Gly Val Thr Thr Asn Gly Thr Ser Leu Arg Leu Gln
 45 85 90 95
 47 His Ile Leu Pro Asp Gly Arg Val Pro Ser Pro Arg Val Tyr Leu Leu
 48 100 105 110
 50 Asp Lys Thr Lys Arg Arg Tyr Glu Met Leu His Leu Thr Gly Phe Glu
 51 115 120 125
 53 Phe Thr Phe Asp Val Asp Ala Thr Lys Leu Pro Cys Gly Met Asn Ser
 54 130 135 140
 56 Ala Leu Tyr Leu Ser Glu Met His Pro Thr Gly Ala Lys Ser Lys Tyr
 57 145 150 155 160
 59 Asn Ser Gly Gly Ala Tyr Tyr Gly Thr Gly Tyr Cys Asp Ala Gln Cys
 60 165 170 175
 62 Phe Val Thr Pro Phe Ile Asn Gly Leu Gly Asn Ile Glu Gly Lys Gly
 63 180 185 190
 65 Ser Cys Cys Asn Glu Met Asp Ile Trp Glu Val Asn Ser Arg Ala Ser
 66 195 200 205
 68 His Val Val Pro His Thr Cys Asn Lys Lys Gly Leu Tyr Leu Cys Glu
 69 210 215 220
 71 Gly Glu Glu Cys Ala Phe Glu Gly Val Cys Asp Lys Asn Gly Cys Gly
 72 225 230 235 240

RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/674,479

TIME: 17:20:55

Input Set : A:\Cml758ml.app

Output Set: N:\CRF3\09132001\I674479.raw

```

74 Trp Asn Asn Tyr Arg Val Asn Val Thr Asp Tyr Tyr Gly Arg Gly Glu
75                245                250                255
77 Glu Phe Lys Val Asn Thr Leu Lys Pro Phe Thr Val Val Thr Gln Phe
78                260                265                270
80 Leu Ala Asn Arg Arg Gly Lys Leu Glu Lys Ile His Arg Phe Tyr Val
81                275                280                285
83 Gln Asp Gly Lys Val Ile Glu Ser Phe Tyr Thr Asn Lys Glu Gly Val
84                290                295                300
86 Pro Tyr Thr Asn Met Ile Asp Asp Glu Phe Cys Glu Ala Thr Gly Ser
87 305                310                315                320
89 Arg Lys Tyr Met Glu Leu Gly Ala Thr Gln Gly Met Gly Glu Ala Leu
90                325                330                335
92 Thr Arg Gly Met Val Leu Ala Met Ser Ile Trp Trp Asp Gln Gly Gly
93                340                345                350
95 Asn Met Glu Trp Leu Asp His Gly Glu Ala Gly Pro Cys Ala Lys Gly
96                355                360                365
98 Glu Gly Ala Pro Ser Asn Ile Val Gln Val Glu Pro Phe Pro Glu Val
99                370                375                380
101 Thr Tyr Thr Asn Leu Arg Trp Gly Glu Ile Gly Ser Thr Tyr Gln Glu
102 385                390                395                400
104 Val Gln Lys Pro Lys Pro Lys Pro Gly His Gly Pro Arg Ser Asp
105                405                410                415

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,479

DATE: 09/13/2001

TIME: 17:20:56

Input Set : A:\Cm1758m1.app

Output Set: N:\CRF3\09132001\I674479.raw